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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/863,158 05/27/97 LAYSON

H 818.3

EXAMINER

LM51/0511

LARSON AND LARSON, P.A.
11199 69TH STREET NORTH
LARGO FL 33773

NGUYEN, T

ART UNIT

PAPER NUMBER

2736
DATE MAILED:

05/11/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

LM5170511

LARSON AND LARSON, P.A.
11199 69TH STREET NORTH
LARGO FL 33773

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/863,158	05/27/97	017	NGUYEN, T 2736	05/11/99
First Named Applicant	LARSON,	35 USC 154(b) term ext. = 0 Days.		

TITLE OF INVENTION TAMPER DETECTION FOR BODY WORN TRANSMITTER

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 818.3	340-573.400	896	UTILITY	YES	\$605.00	08/11/99

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Notice of Allowability

Application No.
08/863,158

Applicant(s)
Hoyt Layson, Jr.

Examiner
Tai T Nguyen

Group Art Unit
2736



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to application filed on 05/27/97.

☒ The allowed claim(s) is/are 1-17.

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☒ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☒ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 2

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☒ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance

Application/Control Number: 08/863,158

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5/a
5/10/99
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DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. James E. Larson on April 12, 1999.
3. In the specification: The following change has been made:

On page 23, line 7, "transmitter are an antenna" has been changed to -- transmitter is an antenna--.
4. In the drawing:

Figure 5, the reset real time clock signal 147 needs to be labeled.

Figure 5 "electrical immersion detection 110" should be changed to --electrolyte immersion detection 110--.

Please see red-inked drawing.

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Allowable Subject Matter

5. Claims 1 - 17 are allowed.
6. The following is an examiner's statement of reasons for allowance: The prior art cited herein fail to disclose a tamper detection system for a body worn transmitter which is comprising a portable monitoring receiver in proximity to the body worn transmitter continuously receiving signals from the body worn transmitter and a global positioning satellite ; the body worn transmitter having an antenna imbedded in a strap for communicating with the portable monitoring receiver, an antenna inductively coupled to the body of the subject and means for electrically coupling the antenna to the transmitter ; the body worn transmitter having programmed therein a coded identification signal, a data encryption for the coded identification signal, a real time clock and means to detect tampering with the body worn transmitter ; and the body worn transmitter additionally containing an electrolyte immersion sensor sending a tamper inhibit signal via the antenna to the portable monitoring receiver and then to the base station.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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Carroll et al. [4,952,928] disclose an adaptable electronic monitoring and identification system which is including a transmitting or transponding unit that is worn or carried by the individual being monitor.

Stinton [5,204,670] discloses an adaptable electric monitoring and identification system which includes a host central processing unit, or CPU, maintaining by supervising agency that automatically, or by request, receives and interprets data from individuals being monitored.

Burgmann [5,650,766] discloses wearable transmitter with optical tamper detector which includes a housing containing a radio frequency transmitter and tamper detecting circuit that are attached to an appendage of an individual with a buckle and strap.

Hoshen [5,461,390] discloses a locator device for monitoring the location of subjects, usable in conjunction with a data base system connected to a wireless network.

Hoffman et al. [5,742,233] disclose a personal security and tracking system which comprises a portable signaling unit, a remote alarm switch, a central dispatch station, and a wireless communication system such as cellular or telephone system, etc., and a GPS or a like system.

8. Any inquiry concerning this communication should be directed to Examiner Tai T. Nguyen at telephone number (703) 308-0160. The examiner can normally be reached on Monday-Friday, 7:00am-5:00pm.

If attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Jeffery Hofsass, can be reached on (703) 305-4717.

Application/Control Number: 08/863,158

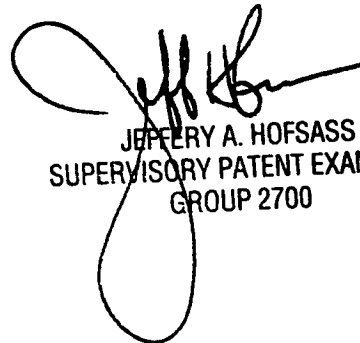
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Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-8576, Mon-Fri, 8:30am-5:00pm.

Examiner: Tai T. Nguyen

Date: May 5, 1999



JEFFERY A. HOFSSASS
SUPERVISORY PATENT EXAMINER
GROUP 2700